Biomimetic Mussel Adhesive Inspired Clickable Anchors Applied to the Functionalization of Fe3O4 Nanoparticles

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by Anja S. Goldmann, Christine Schödel, Andreas Walther, Jiayin Yuan, Katja Loos, and Axel H. E. Müller

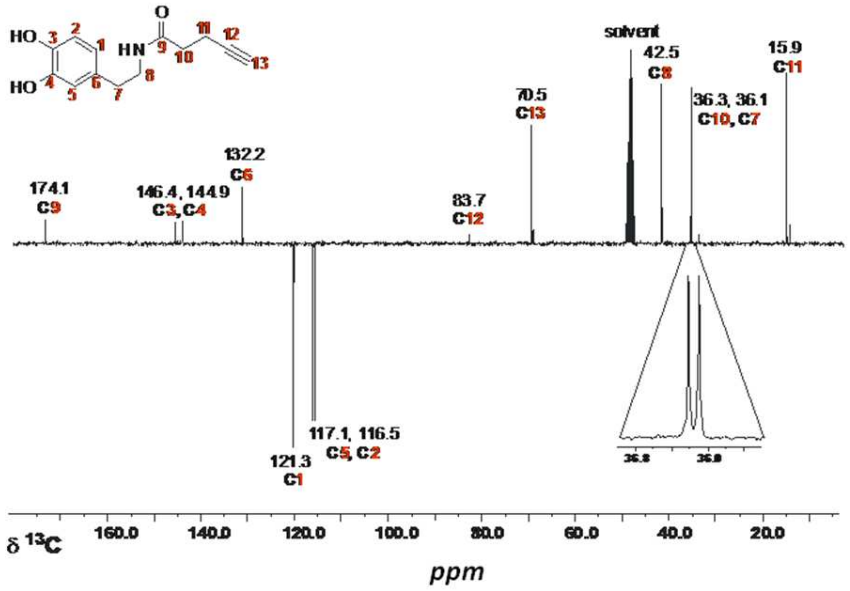

Figure S1. ^{13}*C-APT NMR spectrum of Alkyne-Dopamine*

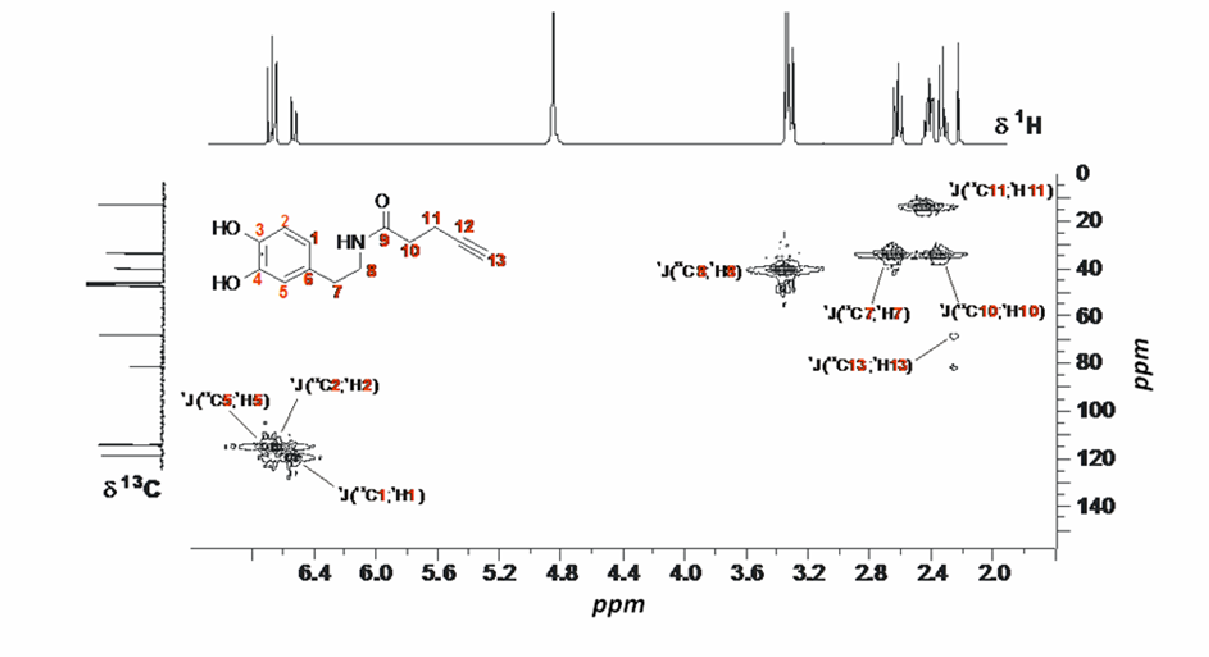

Figure S2. gs-HSQC-$^{1}H/^{13}C$-NMR spectrum of Alkyne-Dopamine

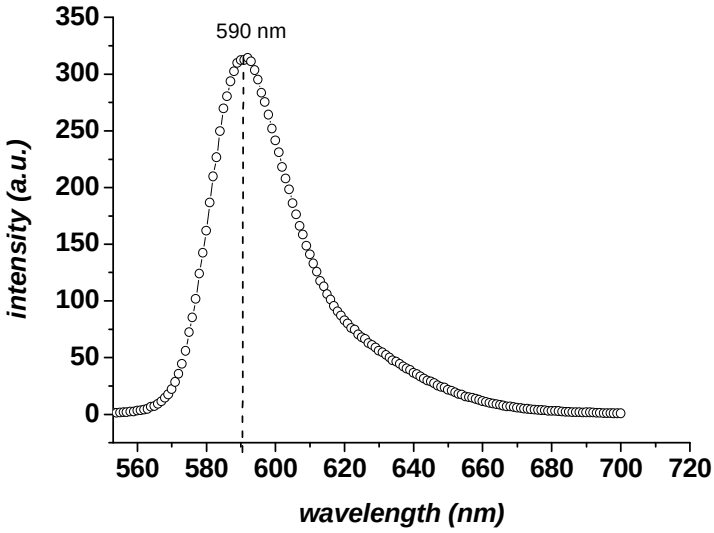

Figure S3. Fluorescence emission spectrum of N_3-Rhodamine dissolved in THF (excitation wavelength 543 nm)

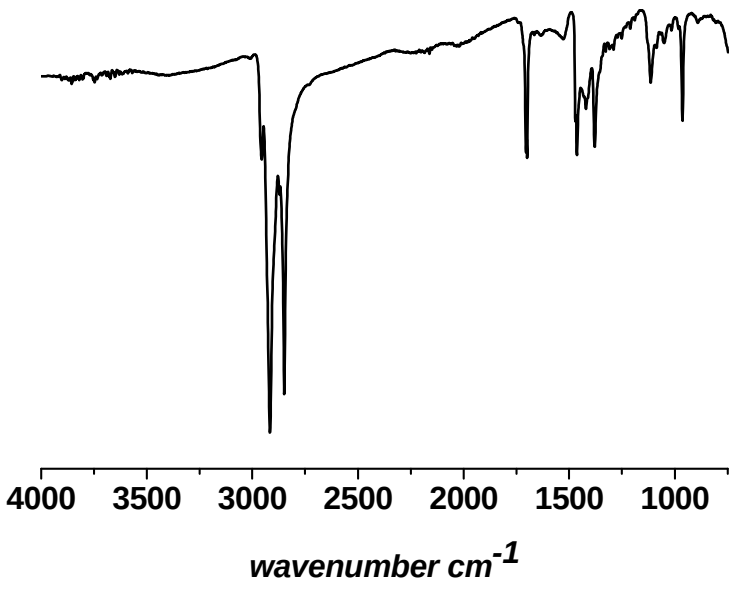

Figure S4. FT-IR spectrum of oleic acid stabilized Fe_3O_4 nanoparticles

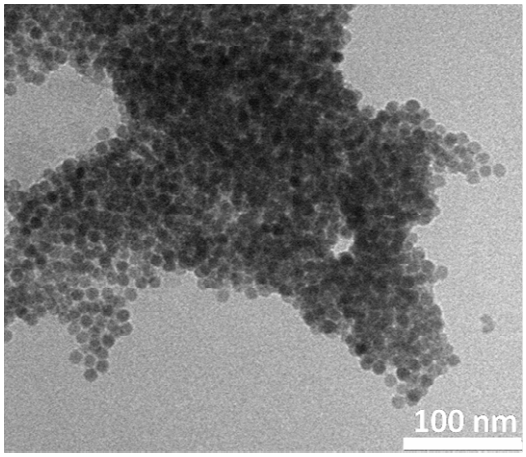

Figure S5. Reference reaction of non-click-functionalized Fe_3O_4 nanoparticles with N_3-PEG showing no PEG shell (in DMSO).